

Fig. 1

FIG. 2 is a cross-sectional view of the device 100, showing the internal components and the electrical connections. The device 100 includes a housing 108, a base 112, and a top cover 114. The internal components include a motor 202, a drive shaft 204, a gear 206, a cam 208, a follower 210, a spring 212, a plunger 214, a piston 216, a cylinder 218, a valve 220, and a solenoid 222. The device 100 is shown in a cross-sectional view, with the housing 108 and base 112 forming a chamber for the internal components. The top cover 114 is shown in a cross-sectional view, with the motor 202 and drive shaft 204 extending through it. The gear 206 is shown in a cross-sectional view, with the cam 208 and follower 210 positioned around it. The spring 212 is shown in a cross-sectional view, with the plunger 214 and piston 216 positioned around it. The cylinder 218 is shown in a cross-sectional view, with the valve 220 and solenoid 222 positioned around it.

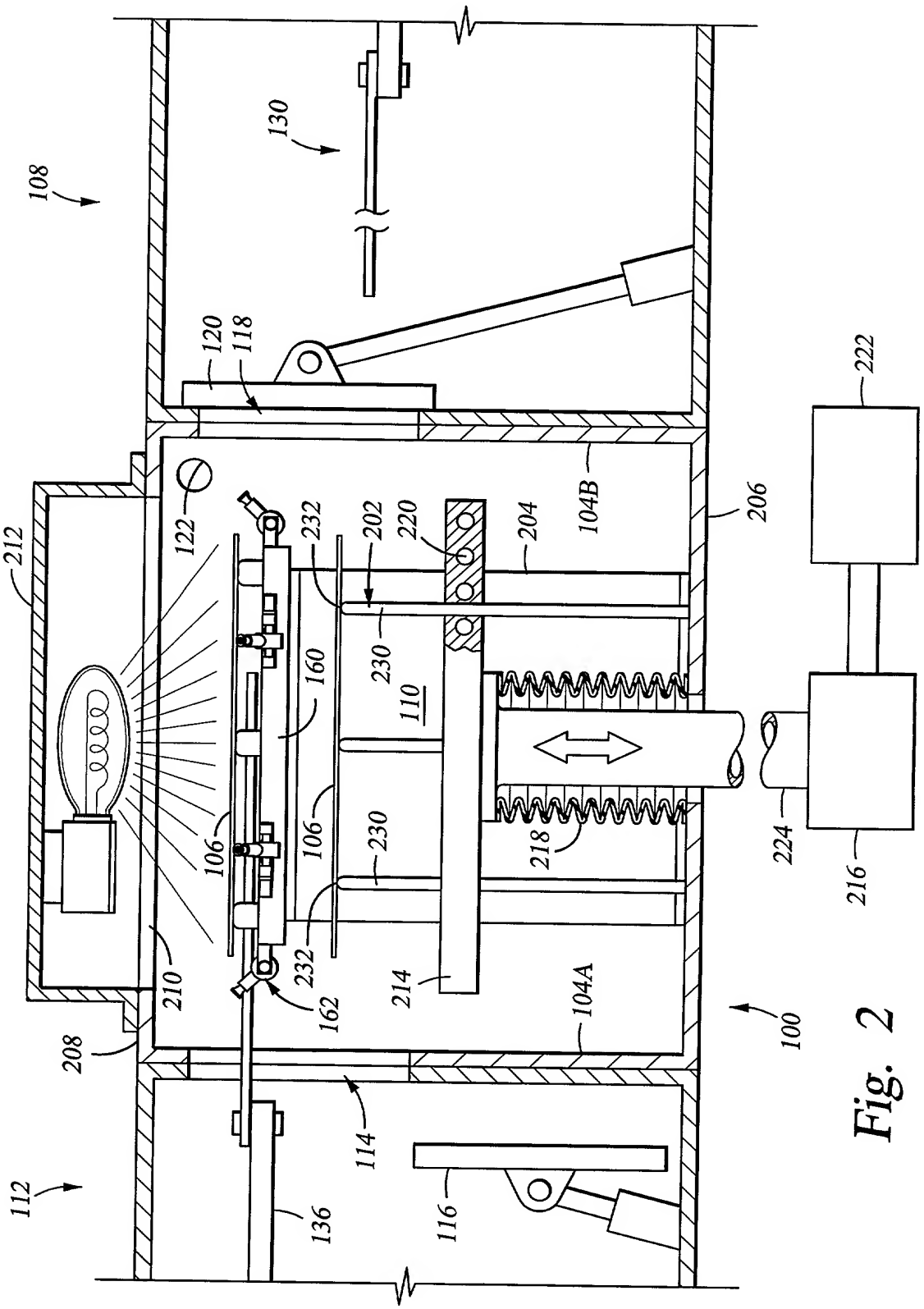


Fig. 2

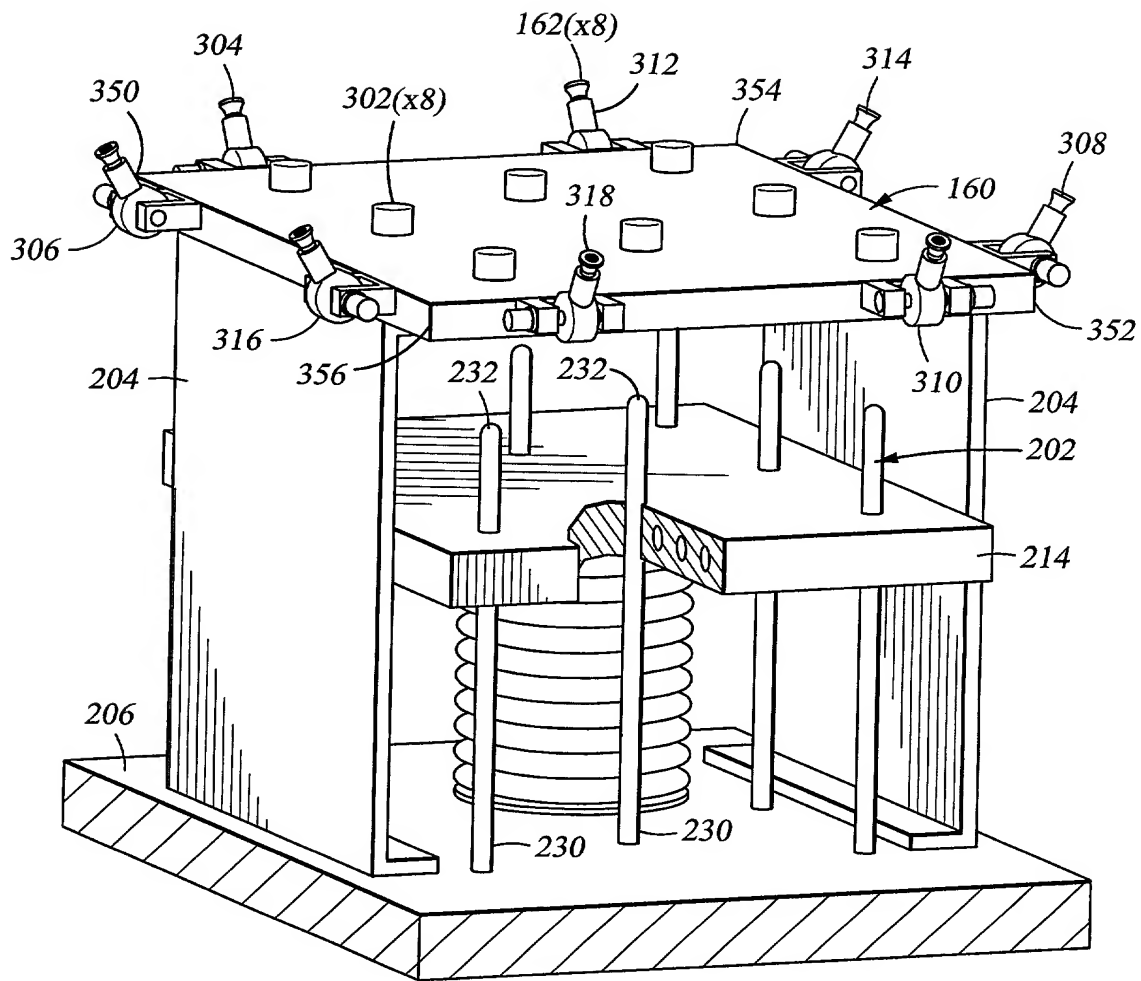


Fig. 3

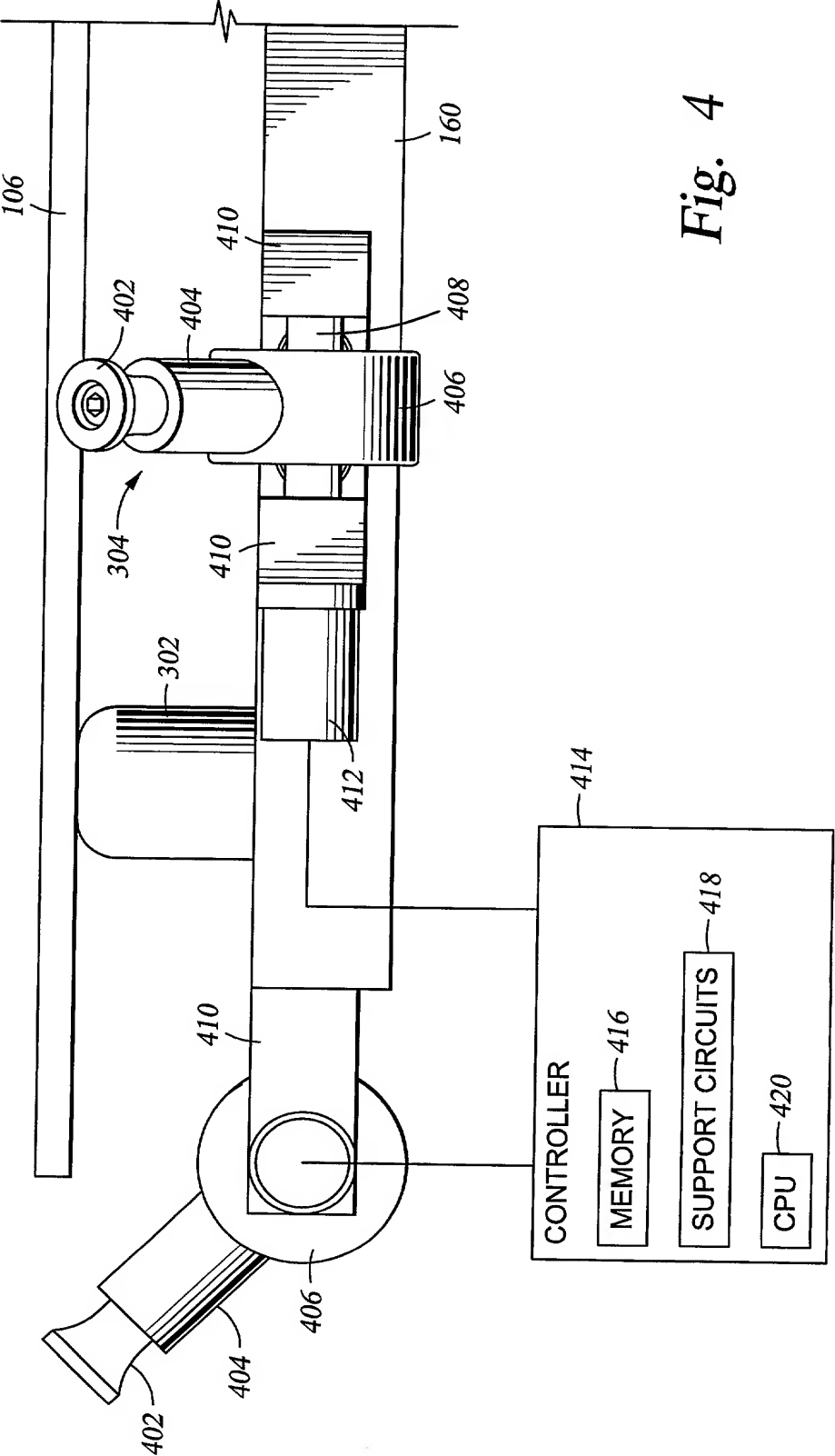


Fig. 4

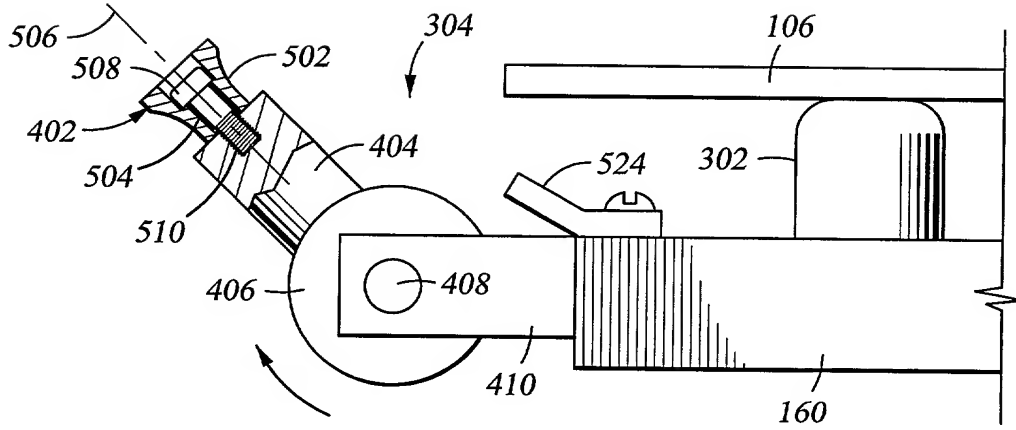


Fig. 5A

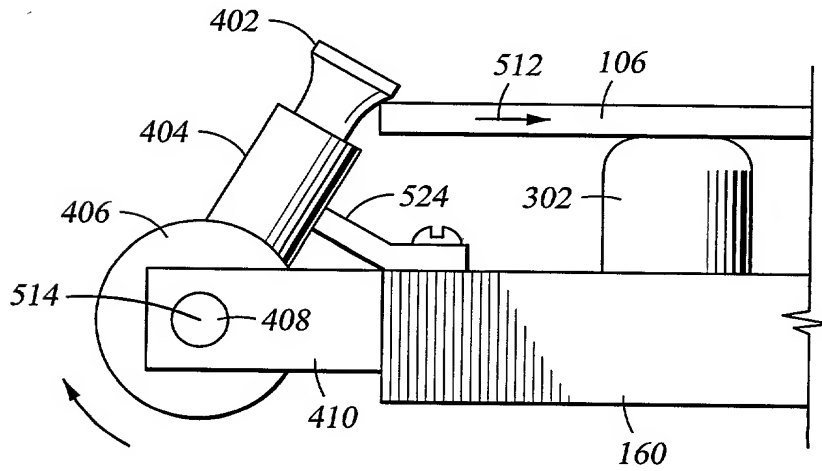
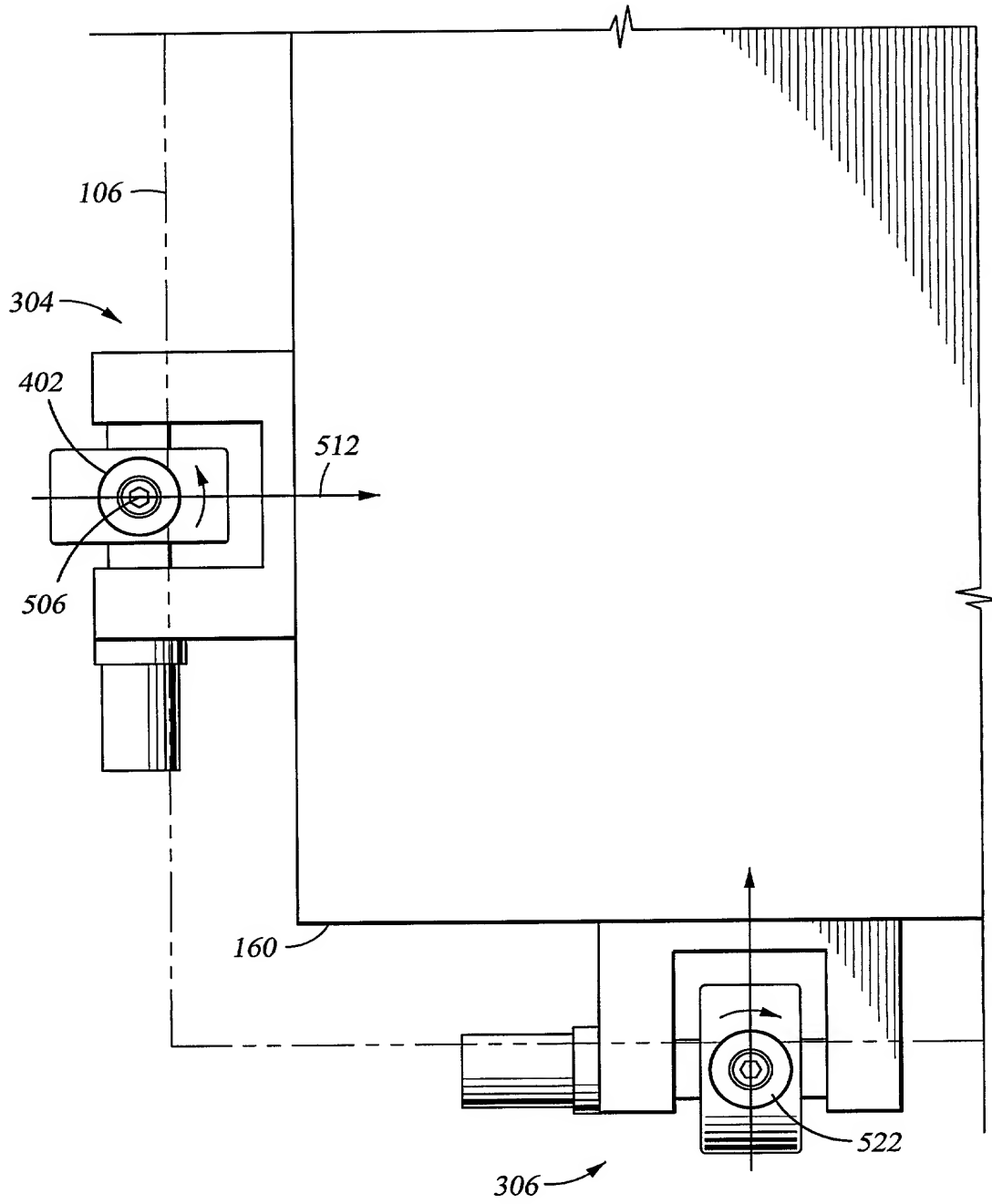


Fig. 5B

*Fig. 5C*

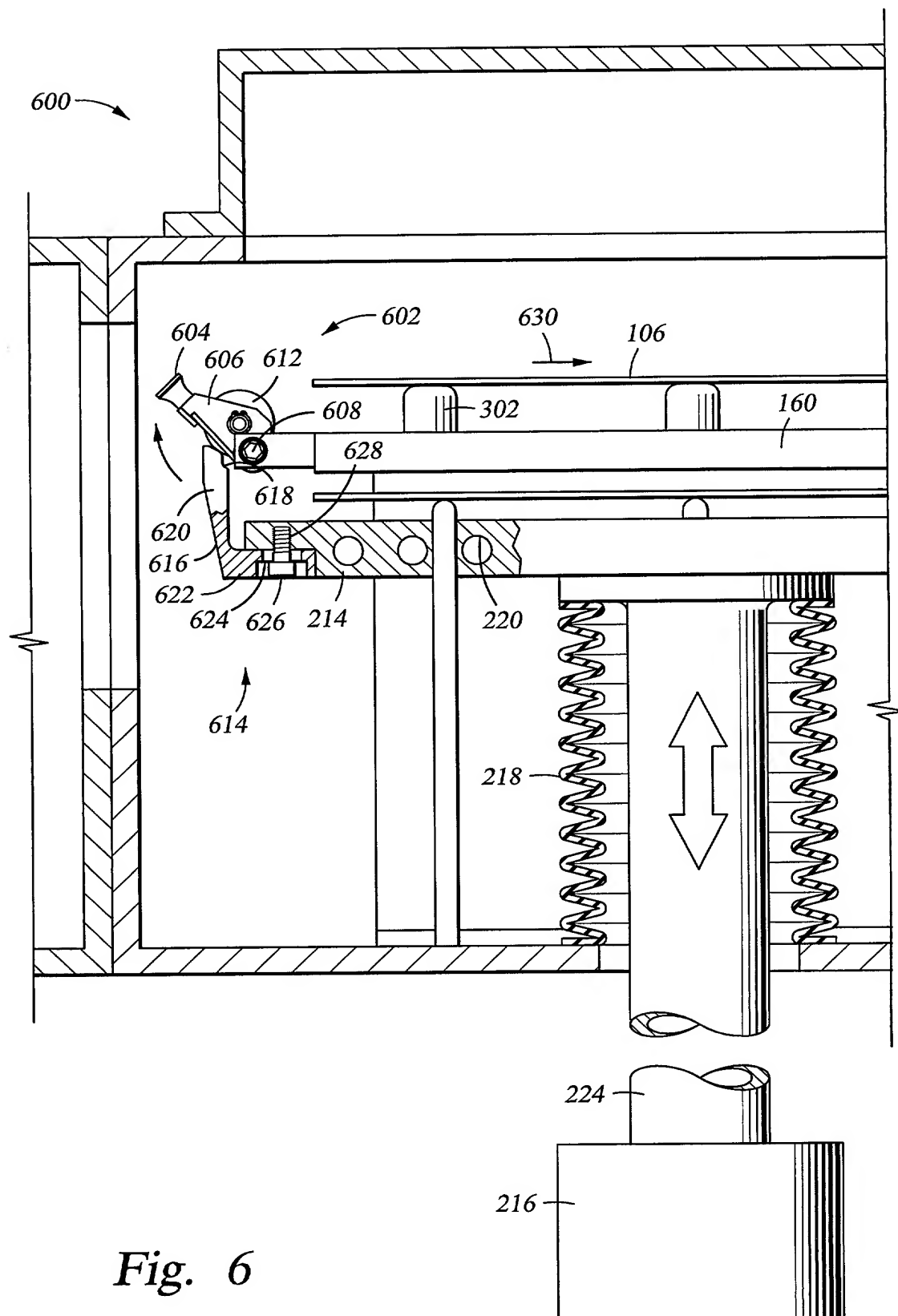
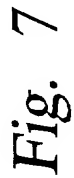
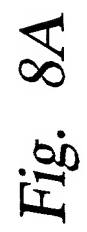


Fig. 6







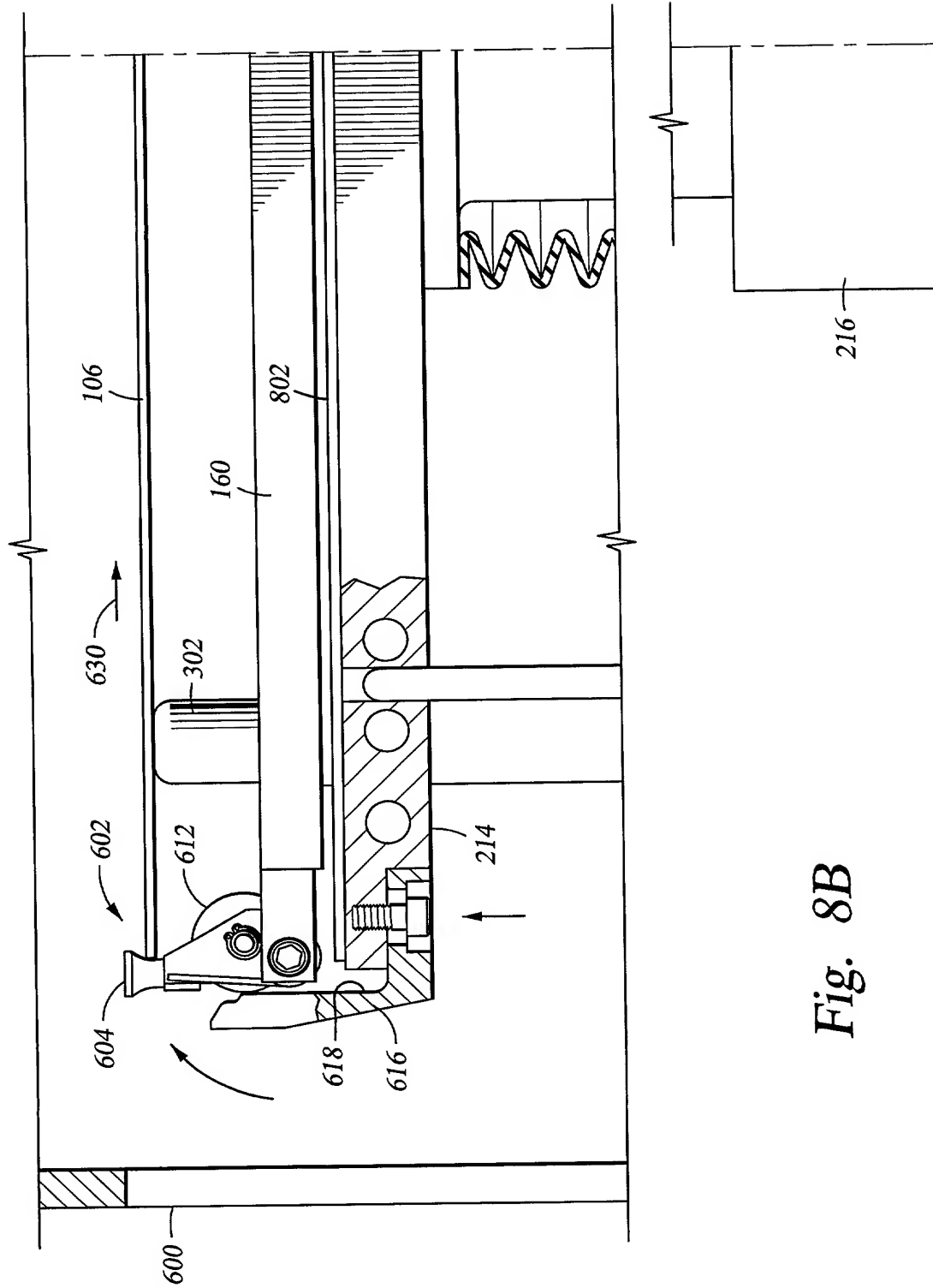


Fig. 8B



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